



**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
125855-2

In Re Application: Hartle, et al.

Serial No.

10/667,265

Filing Date

September 19, 2003

Examiner

Cheung

Group Art Unit

1713

**UNDERHOOD COMPONENTS**



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In Re Application Of: **Hartle, et al.**

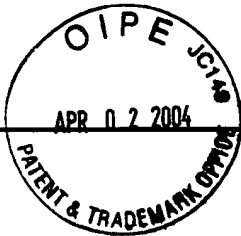
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Title: **UNDERHOOD COMPONENTS**



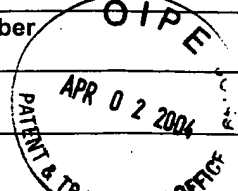
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**37 CFR 1.97(b)**

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
- ☐ the statement specified in 37 CFR 1.97(e);
- OR**
- ☒ the fee set forth in 37 CFR 1.17(p).

<b>PTO-1449</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <b><u>LIST OF ITEMS</u></b> (Use several sheets if necessary)	<b>Attorney's Docket Number</b> 125855-2	<b>Serial Number</b> 10/667,265	
<b>Name of Applicant</b> Hartle, et al.		<b>Filing Date</b> September 19, 2003	<b>Group</b> 1713

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
	3,195,868	07/20/65	Loomans, et al.			
	4,239,673	12/16/80	Lee, Jr.			
	4,242,263	12/30/80	Lee, Jr.			
	4,299,757	11/10/81	Kuribayashi, et al.			
	4,373,064	2/8/83	Bennett, Jr. et al.			
	4,383,082	5/10/83	Lee, Jr.			
	4,460,743	7/17/84	Abe, et al.			
	4,480,057	10/30/84	Sano			
	4,559,262	12/17/85	Cogswell, et al.			
	4,565,684	1/21/86	Tibbetts, et al.			
	4,569,923	2/11/86	Knudson, Jr, et al.			
	4,572,813	2/25/86	Arakawa			
	4,584,334	4/22/86	Lee, Jr. et al.			
	4,628,072	12/9/86	Shiraki, et al.			
	4,663,230	5/5/87	Tennent			
	4,664,842	5/12/87	Knudson, Jr. et al.			
	4,713,416	12/15/87	Del Giudice et al.			
	4,752,135	6/21/88	Loomans			
	4,764,559	8/16/88	Yamauchi et al.			
	4,772,657	9/20/88	Akiyama et al.			
	4,816,289	3/28/89	Komatsu et al.			
	4,863,997	9/5/89	Shibuya et al.			
	4,876,078	10/24/89	Arakawa, et al.			
	4,892,904	1/9/90	Ting			
	4,962,148	10/9/90	Orikasa, et al.			
	4,985,495	1/15/91	Nishio, et al.			

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<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
	4,990,558	2/5/91	DeNicola, Jr. et al.			
	4,994,508	2/19/91	Shiraki, et al.			
	5,024,818	6/18/91	Tibbetts, et al.			
	5,056,029	10/8/91	Cannon			
	5,061,753	10/29/91	Maruyama, et al.			
	5,071,911	12/10/91	Furuta, et al.			
	5,071,912	12/10/91	Furuta, et al.			
	5,075,376	12/24/91	Furuta, et al.			
	5,079,295	1/7/92	Furuta, et al.			
	5,081,187	1/14/92	Maruyama, et al.			
	5,086,112	2/4/92	Togo, et al.			
	5,106,696	4/21/92	Chundury, et al.			
	5,110,501	5/5/92	Knudson, Jr. et al.			
	5,124,410	6/23/92	Campbell			
	5,132,363	7/21/92	Furuta, et al.			
	5,149,740	9/22/92	Maruyama, et al.			
	5,159,004	10/27/92	Furuta, et al.			
	5,160,454	11/3/92	Knudson Jr., et al.			
	5,162,433	11/10/92	Nishio, et al.			
	5,162,435	11/10/92	Shibuya, et al.			
	5,162,440	11/10/92	Akkapeddi, et al.			
	5,165,909	11/24/92	Tennent, et al.			
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Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
	5,166,264	11/24/92	Lee, Jr. et al.			
	5,182,151	1/26/93	Furuta, et al.			
	5,191,024	3/2/93	Shibata, et al.			
	5,206,281	4/27/93	Furuta			
	5,262,477	11/16/93	Kasai, et al.			
	5,268,425	12/7/93	Furuta, et al.			
	5,272,208	12/21/93	Shiraki, et al.			
	5,272,209	12/21/93	Shiraki, et al.			
	5,278,220	1/11/94	Vermeire, et al.			
	5,286,791	2/15/04	DeNicola, Jr., et al.			
	5,290,856	3/1/94	Okamoto, et al.			
	5,296,540	3/22/94	Akiyama, et al.			
	5,304,593	4/19/94	Nishio, et al.			
	5,321,081	6/14/94	Chundury, et al.			
	5,369,173	11/29/94	Furuta			
	5,370,813	12/6/94	DeNicola, Jr., et al.			
	5,397,822	3/14/95	Lee, Jr.			
	5,402,333		Cardner			
	5,405,902	4/11/95	Nishio, et al.			
	5,418,287	5/23/95	Tanaka, et al.			
	5,424,360	6/13/95	Nagaoka, et al.			
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<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
	5,428,091	6/27/95	Abe, et al.			
	5,461,111	10/24/95	Modic, et al.			
	5,473,015	12/5/95	DeNicola, Jr. et al.			
	5,494,962	2/27/96	Gauthy, et al.			
	5,502,102	3/26/96	Nazareth			
	5,530,052		Takekoshi, et al.			
	5,546,564	8/13/96	Horie			
	5,550,746		Jacobs			
	5,589,152	12/31/96	Tennent, et al.			
	5,591,382	1/7/97	Nahass, et al.			
	5,612,401	3/18/97	Brown, et al.			
	5,648,424	7/15/97	Miwa, et al.			
	5,686,528	11/11/97	Wills, et al.			
	5,698,632	12/16/97	Brown, et al.			
	5,705,556	1/6/98	Djiauw, et al.			
	5,719,236	2/17/98	Brown, et al.			
	5,723,551	5/3/98	Brown, et al.			
	5,773,502	6/3/98	Takekoshi, et al.			
	5,777,028	7/7/98	Okada, et al.			
	5,780,376	7/14/98	Gonzales, et al.			
	5,902,850	5/11/99	Chino, et al.			
	5,932,159	8/3/99	Rauwendaal			
	5,998,029	12/7/99	Adzima, et al.			
	6,005,050	12/21/99	Okada, et al.			
	6,013,726	1/11/00	Nakano, et al.			
	6,031,049	2/29/00	Chino, et al.			
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<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Document Number	Date	NAME	Class	Subclass	Filing Date If Appropriate
	6,036,765	3/14/00	Farrow, et al.			
	6,045,883	4/4/00	Akiyama, et al.			
	6,057,401	5/2/00	Modic			
	6,116,770	9/12/00	Kiani, et al.			
	6,228,903	5/8/01	Beall, et al.			
	6,258,453	7/10/01	Montsinger			
	6,258,881	7/10/01	Moritomi			
	6,262,162	7/17/01	Lan, et al.			
	6,300,417	10/9/01	Sue, et al.			
	6,308,142	10/23/01	Choate, et al.			
	6,495,630	12/17/02	Adedeji, et al.			
	6,509,412	1/21/03	Hall			
	6,627,701	9/30/03	Adedeji, et al.			
	6,660,794	12/9/03	Adedeji, et al.			
	6,538,056	3/25/03	Webster			
	2002/0023845	2/28/02	Ding, et al.			
	2002/0137840	9/26/02	Adedeji, et al.			
	2002/0156182	10/24/02	Adedeji, et al.			
	2002/0165317	11/7/02	Adedeji, et al.			
	2003/0181587	9/25/03	Sasagawa, et al.			
	2003/0036602	2/20/03	Adedeji, et al.			
	2003/0171877	9/11/03	Adedeji, et al.			
	2003/0106294	6/12/03	Chung, et al.			
	2003/0060543	5/27/03	Seip, et al.			
	4,945,018	7/31/90	Abolins, et al.			
	4,972,021	11/20/90	Lee, Jr.			
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<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initial	Document Number	Date	COUNTRY	Class	Subclass	<b>TRANSLATION</b> YES      NO
	GB 1559262	20.12.97	United Kingdom			
	EP 412 787	13.02.91	Europe			
	EP 326 895	23.05.90	Europe			
	EP 765 914	19.05.95	Europe			
	EP 1029876	13.09.99	Europe			
	EP 0 697 422	28.07.95	Europe			
	EP 0 732 369	05.03.96	Europe			
	EP 0 747 438	06.06.96	Europe			
	EP 0 755 980	12.07.96	Europe			
	EP 0 765 917	25.09.96	Europe			
	WO 90/05759	31.05.90	PCT			
	WO 91/05016	18.04.91	PCT			
	WO 02/057364	25.07.02	PCT			
	WO 00/78540	28.12.00	PCT			

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OTHER INFORMATION (including author, title, date, pertinent)			
✓	TUFTEC H1043 Technical Bulletin, 16 Dec 1999, ASAHI CHEMICAL INDUSTRY CO., LTD., pages 1-5		
✓	TUFTEC P-Series High Performance Thermoplastic Elastomer, pages 1-2. < <a href="http://www.asahi-kasei.co.jp/plastic/e/technical/br/p-series.htm">http: www.asahi-kasei.co.jp/plastic/e/technical/br/p-series.htm</a> >		
	M. K. Akkapeddi and B. VanBuskirk, Adv. Polym. Technol. (1992), volume 11, number 4, pages 263-275.		
	G.-X. Wei, H.-J. Sue, J. Chu, C. Huang, and K. Gong, Antec '99 Conference Proceedings, (1999), pages 3443-3447.		
	P.C. LeBaron, A. Wang, and T. J. Pinnavaia, Applied Clay Science (1999), volume 15, pages 11-29 "Polymer-layered silicate nanocomposites: an overview"		
✓	G.E.P. Box, W.G. Hunter, and J.S. Hunter, "Statistics for Experiments; An Introduction to Design, Data Analysis, and Model Building", New York: Wiley-Interscience (1978), pages 306-344		
✓	C.L. Agreda and V. H. Agreda, "Designing Mixture Experiments", CHEMTECH (1989), Volume 19, no. 9, pages 573-5.		
✓	E.J. Taylor, "A Mixture Experiment Approach to the Formulation of an SMC Low Profile Resin System:", Polym.-Plast. Technol. Eng. (1984), volume 22, No. 1, pages 1-13.		
✓	E.E. Harrington, Jr., "The Desirability Function", Industrial Quality Control, vol. 21, no. 10, pp. 494-498, (1965)		
✓	G. Derringer and R. Suich, "Simultaneous Optimization of Several Response Variables", Journal of Quality Technology, vol. 12, no. 4, pp. 214-219 (1980)		
✓	A.I. Khuri and M. Conlon, "Simultaneous Optimization of Multiple Responses Represented by Polynomial Regression Functions:", Technometrics, vol. 23, no. 4, pp. 363-375 (1981)		
	J.J. Pignatiello "Strategies for Robust Multiresponse Quality Engineering:", IIE Transactions, vol. 25, no. 3, pp. 5-15 (1993)		
	J.L. Ribiero and E. A. Elsayed, "A Case Study on Process Optimization Using the Gradient Loss Function", International Journal of Production Research, vol. 33, no. 12, pp. 3233-3248 (1995)		
✓	E. DelCastillo, D. C. Montgomery and D. R. McCarville, "Modified Desirability Functions for Multiple Response Optimization", Journal of Quality Technology, vol. 28, no. 3, pp. 337-345 (1996)		
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		Filing Date September 19, 2003	Group 1713
<b>OTHER INFORMATION</b> (including author, title, date, pertinent)			
✓	Derwent Abstract for JP05-295184. Accession Number: 1993-392816. Date 1993.11.09		
✓	Derwent Abstract for JP 06-009828. Accession Number 1994-054017. Date 1994.01.18		
✓	Derwent Abstract for JP06-016924. Accession Number 1994-062151. Date 1994.01.25		
✓	JP06-057008. Publication Date 01.03.1994. Abstract only		
✓	Derwent Abstract for JP06-057130. Accession Number 1994-106975. Date. 1994.03.01		
✓	Derwent Abstract for JP06-136202. Accession Number 1994-197261. Date. 1994.05.17		
✓	Derwent Abstract for JP07-003083. Accession Number 1995-078140. Date. 1995.01.06		
✓	Chemical Abstracts for JP07165998. Accession Number 1995:785436. Date. 1995.06.27		
✓	Chemical Abstracts for JP 07166026. Accession Number 1995:823588. Date. 1995.06.27		
✓	Derwent Abstract for JP 07-304908. Accession Number 1996-035970. Date 1995.11.21		
✓	Derwent Abstract for JP 09-316322. Accession Number. 1998-082841. Date. 1997.12.09		
✓	Derwent Abstract for JP 11-060836. Accession Number. 1999-232740. Date. 1999.03.05		
	Derwent Abstract for JP 2000-426148. Accession Number 2000-426148. Date. 2000.05.26		
✓	Chemical Abstract for JP 2003277555. Accession Number 2003:767908. Date. 2003.10.02		
✓	JP2003-277555. Publication Date. 10/02/2003. Abstract Only.		
✓	JP2000143891. Publication Date 2000-05-26		
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<b>OTHER INFORMATION</b> (including author, title, date, pertinent)			
✓	JP52094519. Publication Date 1977-08-09. Abstract Only		
✓	Derwent Abstract for JP 58-93730. Accession Number 1983-7082754. Date 1983.06.03		
✓	Derwent Abstract for 63-113047. Accession Number 1988-295269. Dated 18 May 1988		
✓	Derwent Abstract for 63-113049. Accession Number 1988-177758. Date 1988.05.18		
✓	Derwent Abstract for 63-113050. Accession Number 1988-177759. Date. 1988.05.18		
✓	Derwent Abstract for 01-098647. Accession Number 1989-156118. Date 1989.04.17		
✓	Chemical Abstract for JP03181555. Accession Number 1992:409126. Date 1991.08.07		
✓	Chemical Abstract for JP03185058. Accession Number 1992:7463. Date 1991.08.13		
✓	Chemical Abstract for JP 03231962. Accession Number: 1992:409106. Date 1991.10.15		
✓	Derwent Abstract for JP03-259941. Accession Number: 1992-011372. Date. 1991.11.20		
✓	Derwent Abstract for JP04-007357. Accession Number 1992-061587. Date 1992.01.10		
✓	Derwent Abstract for JP04-028739. Accession Number 1992-085306. Date 1992.01.31		
✓	Derwent Abstract for JP04-028740. Accession Number 1992-085307. Date 1992.01.31		
✓	Chemical Abstract for JP04183748. Accession Number 1993:214261. Date 1992.06.30		
✓	Derwent Abstract for JP04-279697. Accession Number 1992-378284. Date 1992.10.05		
✓	Derwent Abstract for JP04-293942. Accession Number 1992-394620. Date 1992.10..19		
✓	Derwent Abstract for JP05-070679. Accession Number 1993-137105. Date. 1993.03.23		
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